

# *DYNAMICALLY CONTROLLED SWITCH- ING ALTERNATOR SYSTEM*

## **Abstract**

A system and method to dynamically control a switching alternator is disclosed. A switching alternator system is disclosed that includes a plurality of windings configured to deliver an AC power and a plurality of switches configured to switch an electrical configuration of the plurality of windings. A processor is included that is programmed to control the plurality of switches to deliver a desired DC power.